STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	M004205-CST	253	302

USES:

TEMPORARY PIPE SLOPE DRAIN IS USED TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TYPICAL SPACING SHALL BE AT INTERVALS OF 500 FEET ON DIAMETER TO 2% GRADES, 200 FEET ON STEEPER GRADES, AND MORE FREQUENTLY AS DICTATED BY EXISTING FIELD CONDITIONS.

END OF C.M. STUB REFORMED TO FIT END SECTION IF PIPE IS SPIRALED & LUG OR CONNECTING ROD IS USED - OR RIVETED OR BOLTED CONNECTION IS REQUIRED.

PLASTIC PIPE ELBOW OR C.M. PIPE ELBOW TO BE CONNECTED TO STUB WITH COUPLING BAND.

VARIES

C.M. STUB

PLAN

SIDE

FRONT

ALTERNATE DRAIN INLET (METAL)

TYPICAL DIMENSIONS

D	GALV. STEEL	ALUM.	A	B	H	L	W
10"	18 GA	18 GA	7½"	2½"	6"	14½"	21"
12"	16 GA	16 GA	5"	6"	6"	20"	24"

DRAIN INLET (METAL INLETS SHOWN---SEE GENERAL NOTE #4 FOR ALTERNATES.)

CONNECTION SHALL BE LEAK PROOF

AFTER THE FILL IS COMPLETED TO GRADE TEMPLATE LINE, THE EARTH SHOULDER BERM WILL BE SPRAYED WITH GRADE RS-2 OR SS-1 ASPHALT.

SHOULDER POINT

TEMPLATE LINE

METAL INLETS SHOWN-ALTERNATES PERMITTED-SEE GEN. NOTE #4

10" PIPE SLOPE DRAIN

SILT BARRIER AS SHOWN ON EROSION CONTROL PLANS

INTERMEDIATE LOCATIONS FOR EARTH BERM AND DRAIN INLETS.

INTERMEDIATE LOCATIONS FOR EARTH BERMS AND DRAIN INLETS DURING CONSTRUCTION.

ELBOW

SECTION A-A
SCALE: ½" = 1'-0"

10" PIPE SLOPE DRAIN

GENERAL NOTES:

1. DRAIN INLETS AND SLOPE DRAIN PIPE USED FOR TEMPORARY EROSION AND POLLUTION CONTROL UNDER SECTION 163 WILL BE RETAINED FOR USE AS INVENTORY ITEMS BY THE CONTRACTOR.

2. EROSION PROTECTION AT PIPE OUTLET WILL BE PROVIDED AS APPROPRIATE. THE PIPE MAY BE EXTENDED TO OUTLET IN A PAVED DITCH OR TEMPORARY DISSIPATORS CONSTRUCTED OF LOGS OR STONE MAY BE USED. NO SEPARATE PAYMENT WILL BE MADE FOR THIS PROTECTION MEASURE.

3. SLOPE DRAIN PIPE MAY BE ANY TYPE ALLOWED BY THE GA. STANDARD SPECIFICATIONS.

4. ALLOWABLE DRAIN INLET ALTERNATES WILL BE:
   (A) IF SLOPE DRAIN IS PLASTIC, A PLASTIC DRAIN INLET OR PLASTIC FLARED END SECTION HAVING SIMILAR DESIGN TO METAL INLETS OR END SECTIONS MAY BE USED FOR THE DRAIN INLET.
   (B) A METAL FLARED END SECTION MAY BE USED WITH EITHER PLASTIC PIPE OR C.M. PIPE. IF THE END SECTION WAS MADE FOR LARGER PIPE THAN THE SLOPE DRAIN PIPE, AN APPROVED MODIFIED CONNECTION WILL BE REQUIRED BETWEEN THE PIPE AND THE END SECTION.
   (C) A SUMP HOLE WITH DIMENSIONS AT LEAST EQUIVALENT TO THE METAL DRAIN AND LINED WITH POLYETHYLENE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER MAY BE USED WITH ANY TYPE OF PIPE.
   (D) THE METAL DRAIN INLET SHOWN MAY BE USED WITH EITHER 10" C.M. PIPE OR PLASTIC PIPE.

5. THE CONTRACTOR MAY ELECT TO USE PIPE LARGER THAN 10" DIAMETER WITH NO ADDITIONAL PAYMENT.

2'-0"
2" 2"
3'-4"

FRONT VIEW
SCALE: ¾" = 1'-0"

6" 2'-0" 6"
2" 2"
CONTINUOUS WELD

10"-16 GA.-C.M. PIPE

PLAN VIEW
SCALE: ¾" = 1'-0"

2'-0"
CONTINUOUS WELD
SHOP RIVETED OR CONTINUOUS WELD

SIDE VIEW
SCALE: ¾" = 1'-0"

10' MIN

10" PIPE SLOPE DRAIN

SILT BARRIER AS SHOWN ON EROSION CONTROL PLANS

FLOW

PLAN VIEW
SCALE: ½" = 1'-0"

				2-25-00	DATE
				ADDED ELBOW	REVISION
					BY

SCALE AS SHOWN

CONSTRUCTION DETAILS
TEMPORARY PIPE SLOPE DRAIN WITH DRAIN INLET

D-19

56-01

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